

This diagram is a cross-sectional view of a mechanical assembly, possibly a pump or a valve, showing its internal components and external shafts. The assembly is symmetrical about a vertical centerline. Key components include a central shaft (1) with a seal (2a, 2b, 2c) and a flange (3). The shaft is surrounded by a housing (4) with internal chambers (5, 6, 6a, 7, 7a, 7b, 8, 9, 10, 11, 11a). The housing is supported by a base (12) and a top cap (15). The diagram includes various reference numerals (1-15) and arrows indicating rotation and flow.

FIG.2

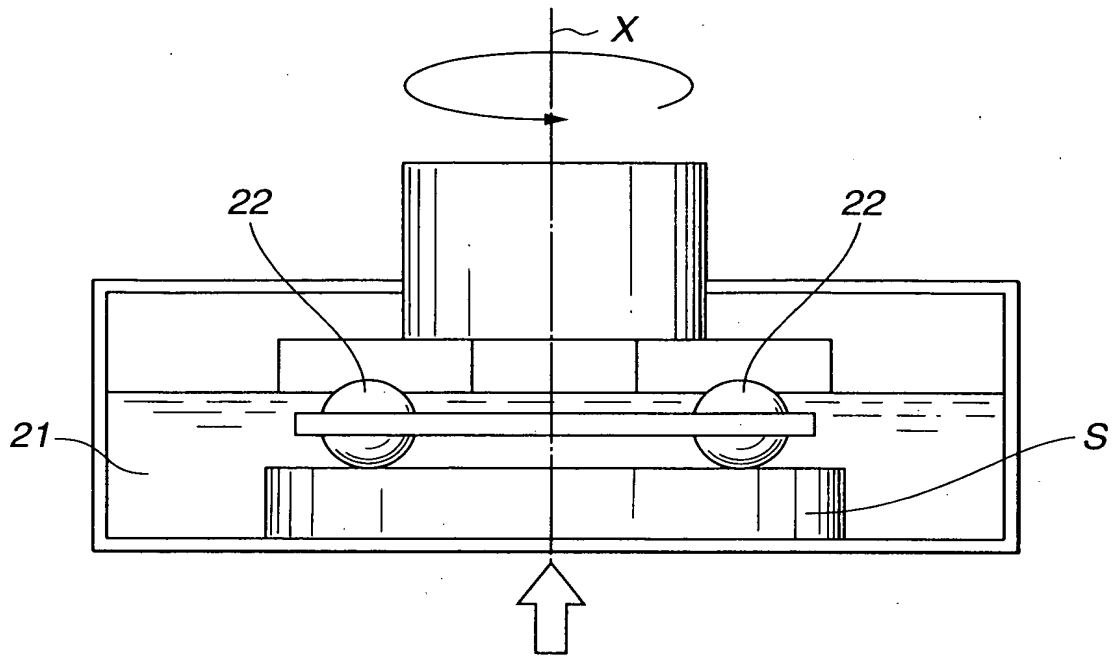


FIG.3

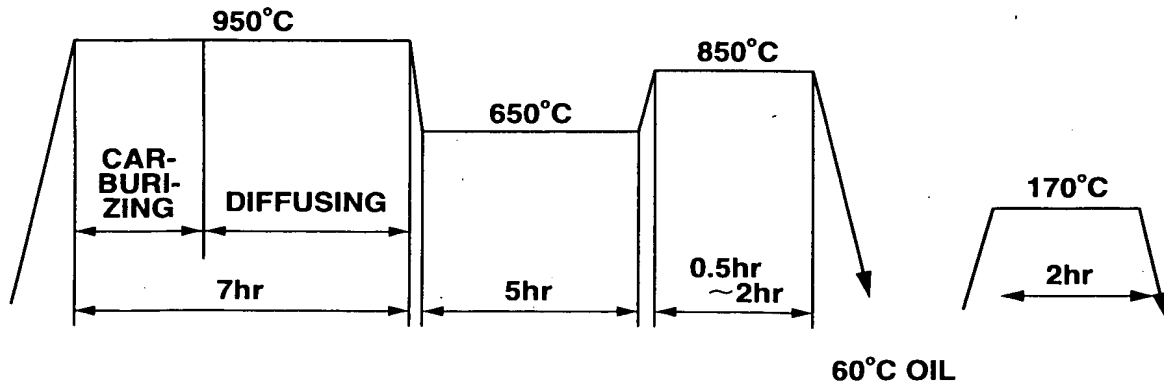
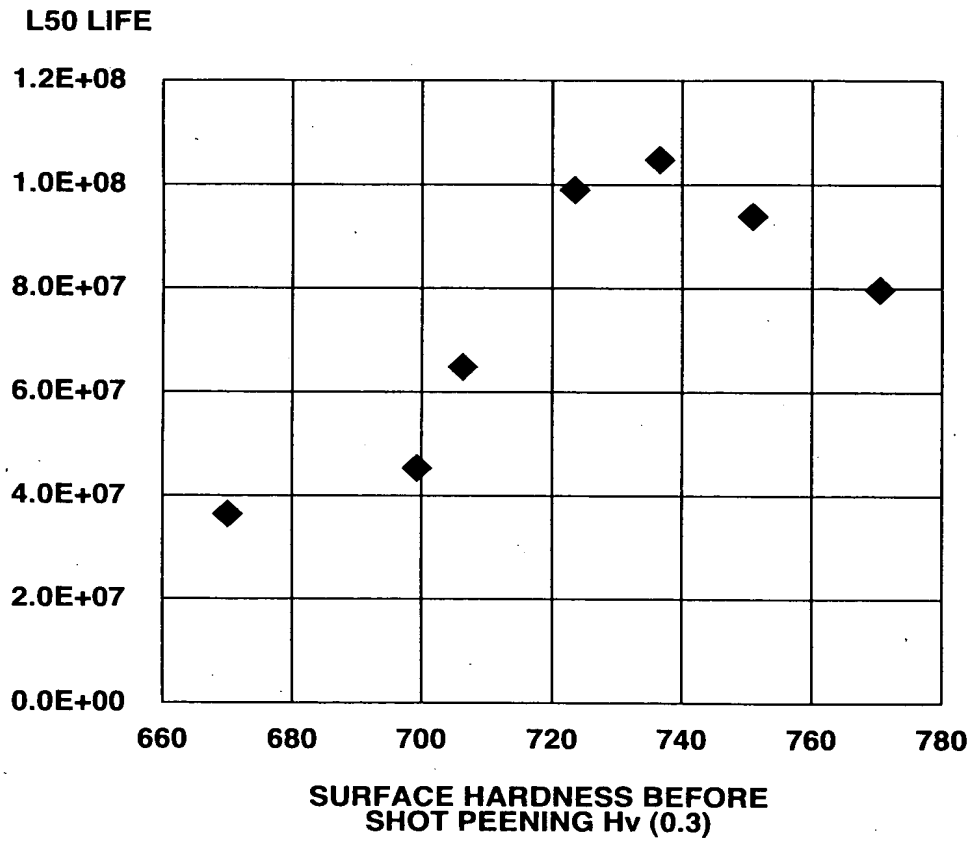


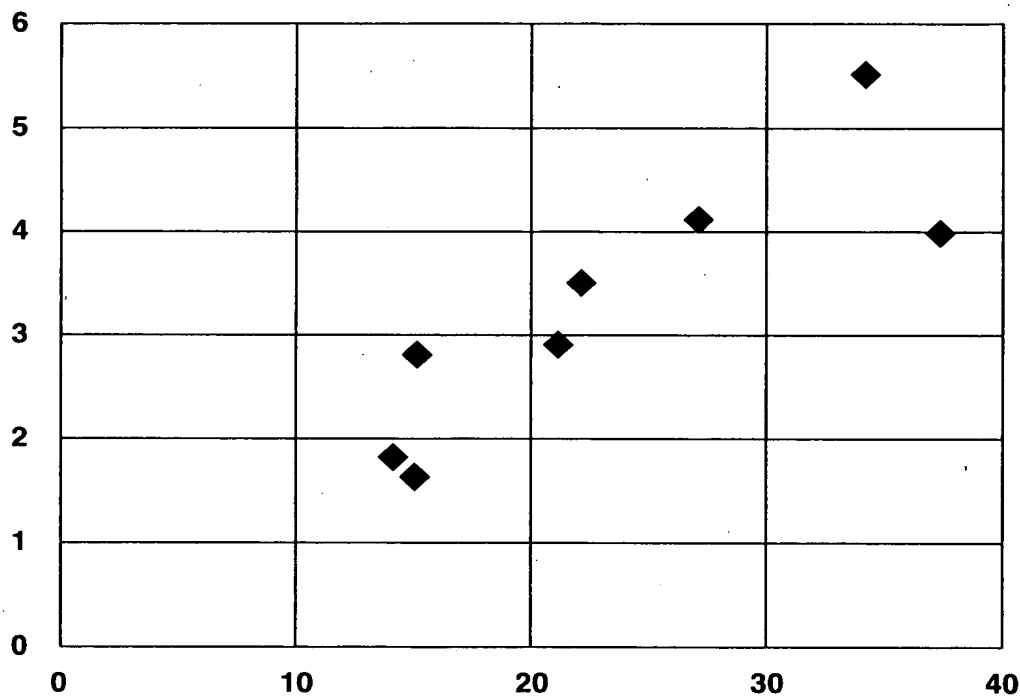
FIG.4



0906755-113001

FIG.5

WEIBULL
COEFFICIENT



RESIDUAL AUSTENITE CONTENT
BEFORE SHOT PEENING γ_R (%)